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| Notice of Allowability | Application No. | Applicant(s) | |
| | 09/755,799 | PAPASAKELLARIOU ET AL. | |
| | Examiner Lawrence B Williams | Art Unit 2634 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 16 August 2004.
2. The allowed claim(s) is/are 1-8.
3. The drawings filed on 16 August 2004 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date <u>1</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carlton H. Hoel on 28 October 2004.

The application has been amended as follows:

- a.) On page 1 of the specifications, under Cross-Reference to Related Applications; in line 2, replace “60/....,filed ...” with 60/174, 511. Delete the remaining sentences beginning with “The following patentapplication.
- b.) In claim 1, line 1, replace “Claim 1” with “1.”.
- c.) In claim 2, line 1, replace “Claim 2”, with “2.”.
- d.) In claim 3, line 1, replace “Claim 3” with “3.”.
- e.) In claim 4, line 1, replace “Claim 4” with “4.”.
- f.) In claim 5, line 1, replace “Claim 5” with “5.”.
- g.) In claim 6, line 1, replace “Claim 6” with “6.”.
- h.) In claim 7, line 1, replace “Claim 7” with “7.”.
- i.) In claim 8, line 1, replace “Claim 8” with “8.”.

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: The present application discloses a method for performing time tracking of two or more paths of a spread spectrum signal in a spread spectrum communications receiver. The prior art fails to disclose such a method comprising; "determining whether any of said distance is smaller than one element of said spread spectrum code, and changing' the separation between early and on-time, and late and on-time instances if any of said distances in (b) is smaller than one element of the spread spectrum code » as disclosed in steps b and c of claim. The prior art also fails to teach "determining whether any of said distances is smaller than one element of said spread spectrum code; and disregarding updates of said time tracking unit corresponding to the path having smaller power than the other path if any of said distances in (b) is smaller than one element of the spread spectrum" as disclosed in steps b and c of claim 2. the prior art also fails to teach "determining whether any of said distances is smaller than one element of said spread spectrum code, and disregarding updates of said time tracking unit corresponding to the path having smaller power than the other path if said updates make the distance between the "on_ time" instances of the two paths less than one of said code element" or "determining whether any of said distances is smaller than one element of said spread spectrum code; measuring the power of said paths; and evaluating and subtracting, based on said distances and power of said path, the contribution of each path on the statistic value of said early, and/or said on-time, and/or said late instance of the other path" as disclosed in claims 5 and 8, respectively..

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence B Williams whose telephone number is 571-272-3037. The examiner can normally be reached on Monday-Friday (8:00-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 571-272-3056. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Lawrence B. Williams

lbw
October 28, 2004



AMANDA T. LE
PRIMARY EXAMINER